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2. Site Description

2.1 Lawrence Livermore National Laboratory

Background

Lawrence Livermore National Laboratory (LLNL) is owned by the U.S. Department of Energy (DOE) and is operated by the University of California for the DOE. The Laboratory was established in 1952 to conduct research and development of nuclear weapons.

Since then, other major programs have included magnetic fusion energy, laser fusion, and laser isotope separation, biomedical sciences, environmental sciences, and applied energy technology. These programs perform research in chemistry and materials science, computer science and technology, biomedical sciences, engineering, and physics. LLNL also conducts a variety of project for other federal agencies.

Description of LLNL Sites

LLNL is located about 40 miles east of San Francisco at the southeast end of the Livermore Valley in southern Alameda County. See **Figure 2-1**.

LLNL consists of two sites. The Main Site is located 3 miles west of the city of Livermore adjacent to the site of Sandia National Laboratories, California, (**Figure 2-2**). Site 300 is 12 miles to the southeast in the Diablo Range near the city of Tracy (**Figure 2-3**).

Definition: Onsite

For hazardous materials packaging and transportation activities, or hazardous waste generation, “onsite” is any activity performed within the geographically contiguous private property owned by or under the control of LLNL.

2.2 Main Site

Location of LLNL Main Site

The LLNL Main Site occupies approximately 1 square mile bounded by East Avenue to the south, Greenville Road to the east, Patterson Pass Road to the north, and Vasco Road to the west.

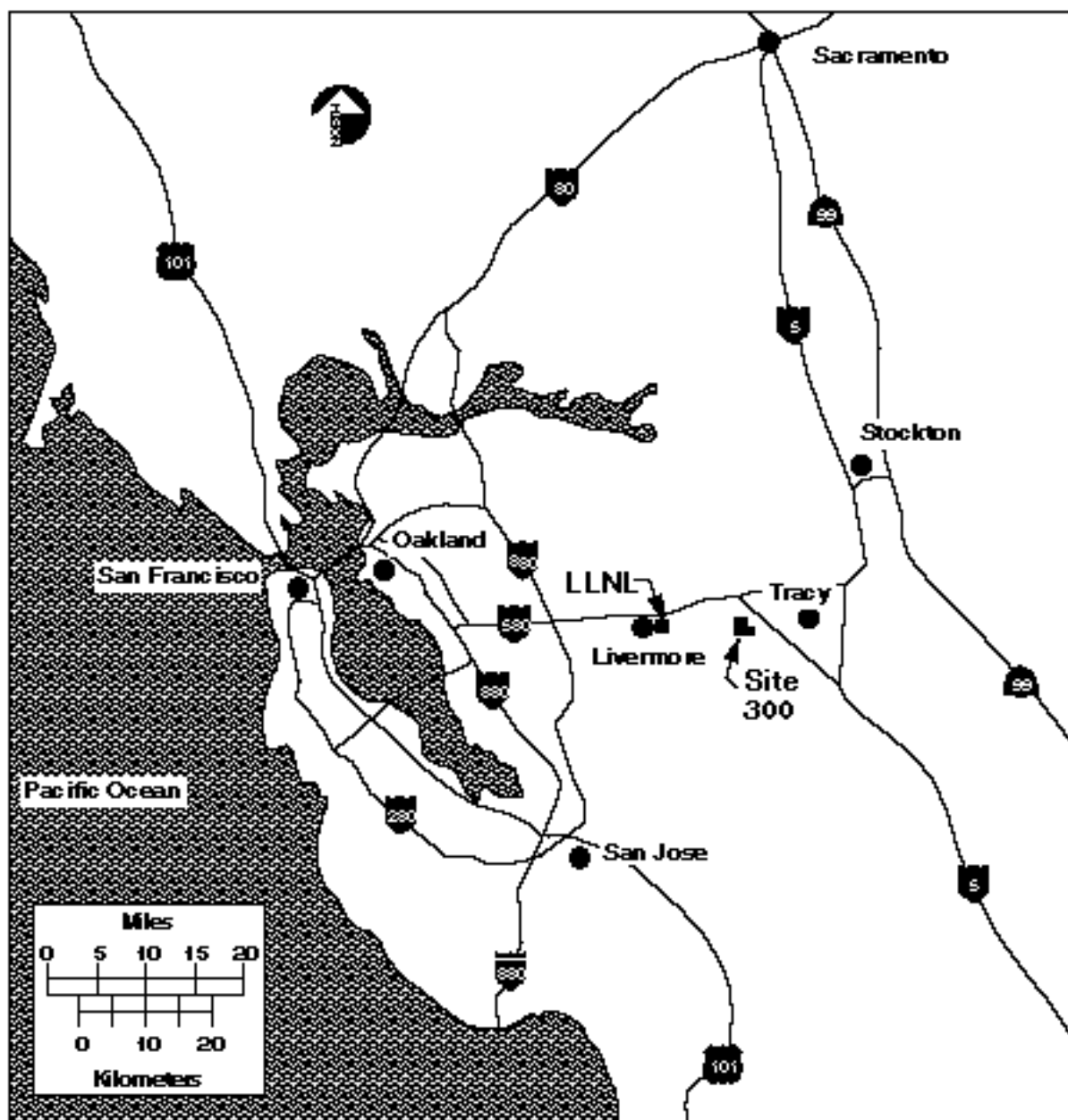


Figure 2-1. The regional location of Lawrence Livermore National Laboratory.

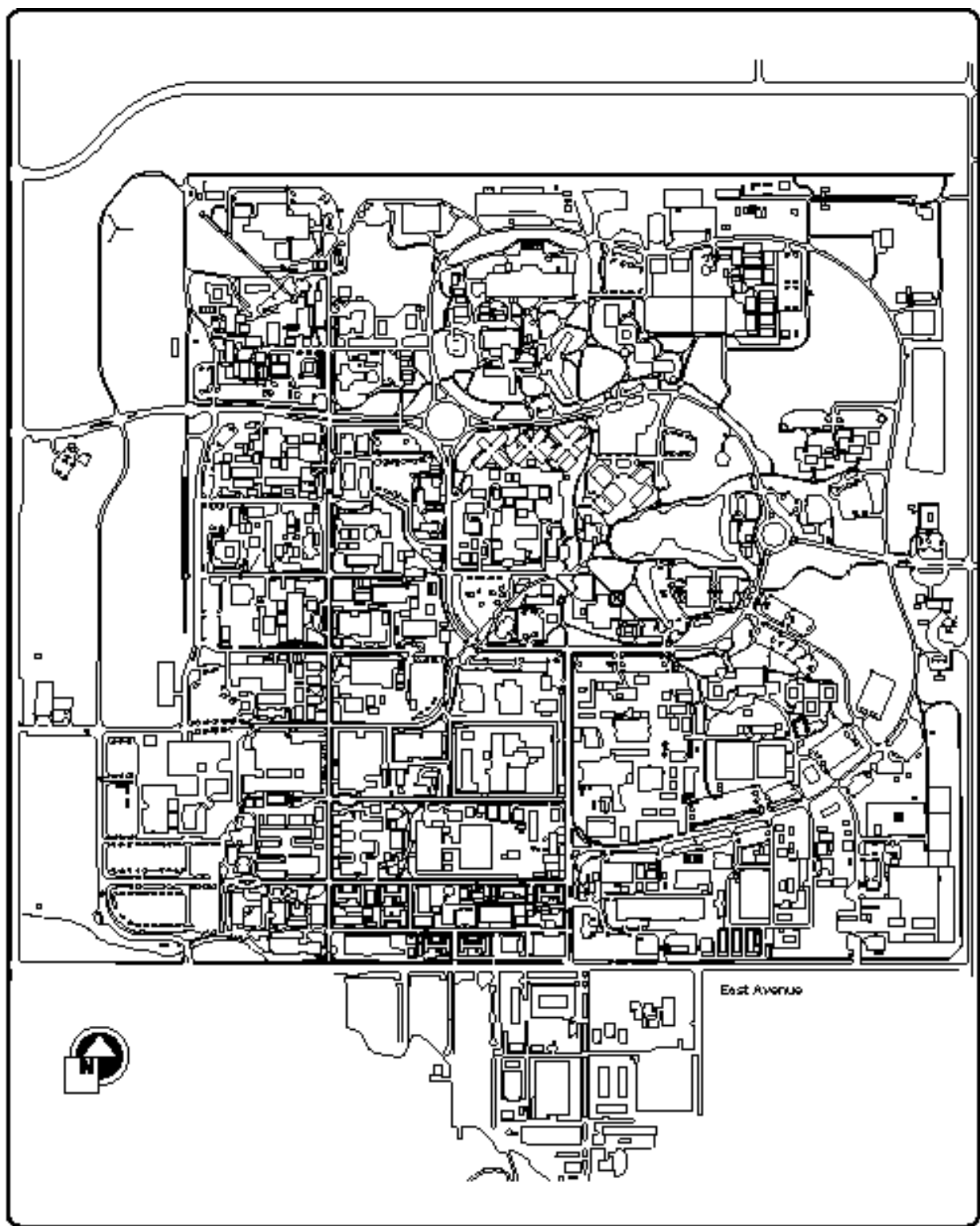


Figure 2-2. The Main Site of Lawrence Livermore National Laboratory.

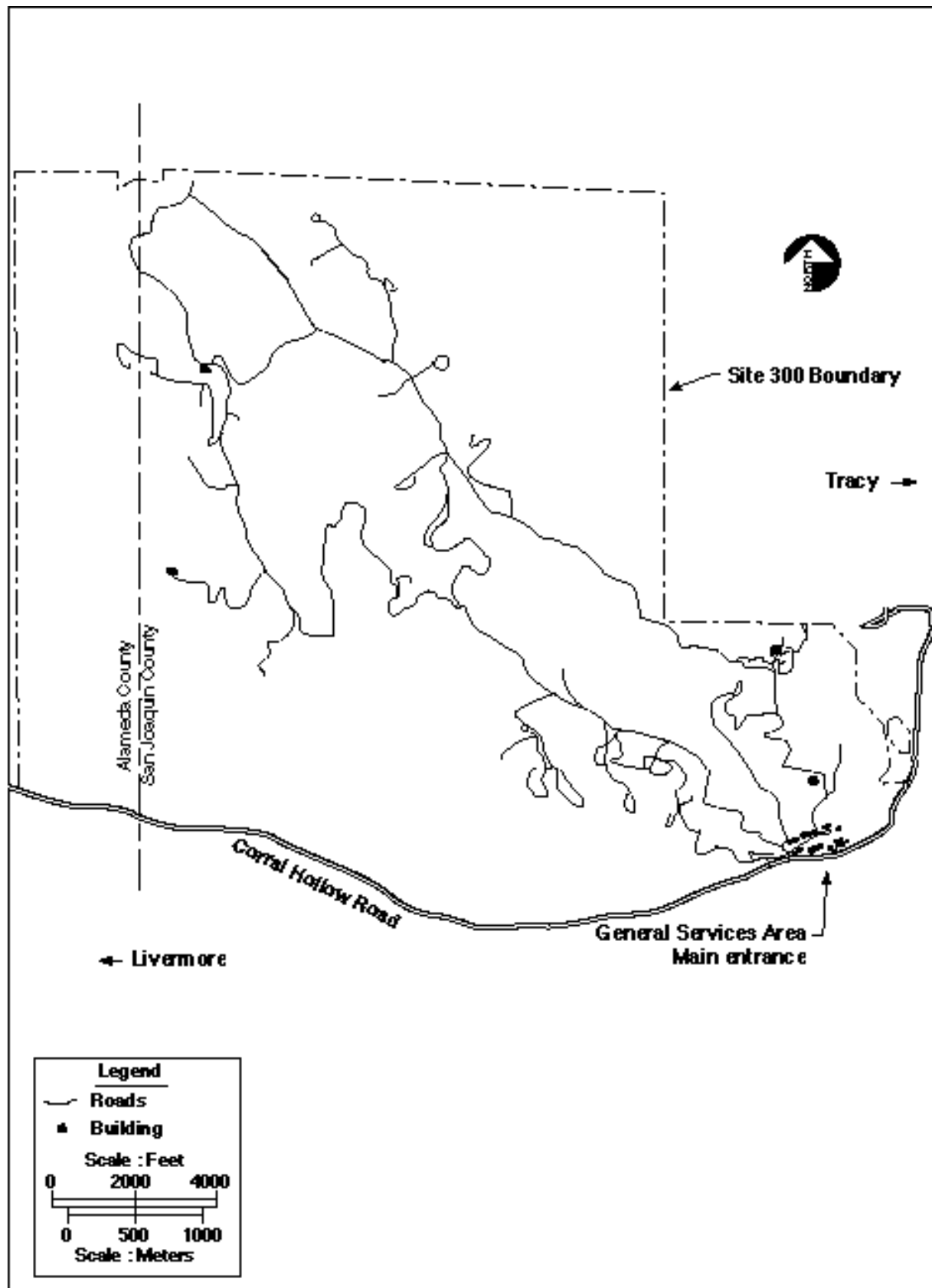


Figure 2-3. The location of Site 300 in the Diablo Range.

**Access to
Main Site**

To gain access to the Main Site, employees, subcontractors, and visitors are required to obtain and display a security badge.

2.3 Site 300

**Description of
Site 300**

Site 300, covering an area of about 10 square miles, is roughly rectangular in shape with its southern boundary being adjacent to Corral Hollow Road. About one-sixth of the site lies in Alameda County; the remainder is in San Joaquin County.

**Access to
Site 300**

To gain access to the Site 300, employees, subcontractors, and visitors are required to obtain and display a security badge.

To assure the health and safety of personnel at Site 300, LLNL has developed a required safety class, HS-0095. To gain access beyond the Site 300 gate, visitors and LLNL personnel must have one of the following requirements:

- Successfully completed the HS-0095 class within the current calendar year
- Be escorted by an individual who has successfully completed HS-0095
- Made prior arrangements with the Site 300 Manager's Office.

Personal vehicles are restricted in all areas of Site 300 except for areas located near the entrance.

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